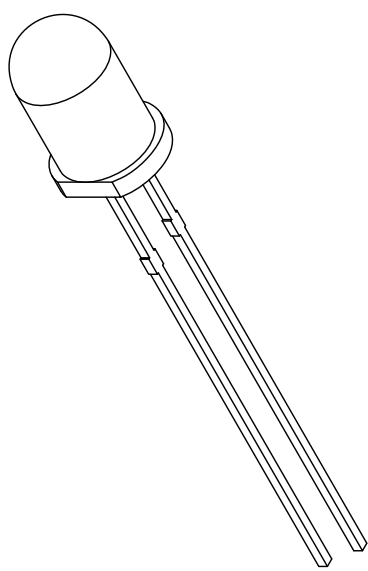
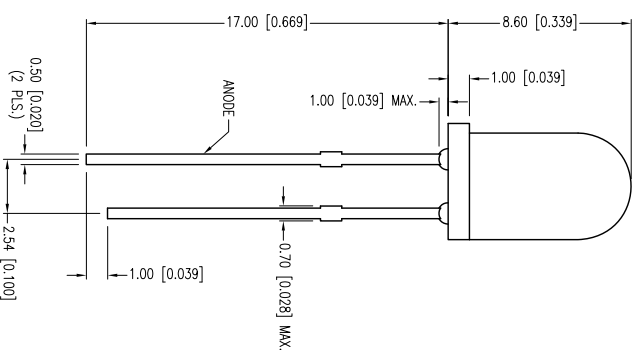
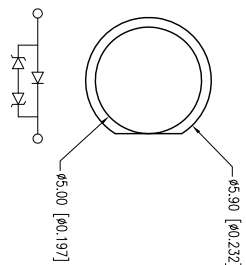


PART NUMBER	SSL-LX5093UWC/H	REV.	-
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10/15/15	E.C.N. #11974 CHANGED LEAD LENGTH		A



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH				nm	
FORWARD VOLTAGE	2.8		3.6	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	If=10μA
LUMINOUS INTENSITY*	18000		36000	mcđ	If=20mA
CHROMATICITY (X)		0.29			
COORDINATES (Y)**		0.28			If=20mA
VIEWING ANGLE		15		2x theta	
EMITTED COLOR:					
LENS FINISH:		WHITE			
WATER CLEAR					

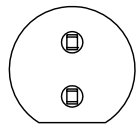
*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.

**THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	Ip	100	mA
STEADY CURRENT	If	30	mA
POWER DISSIPATION	Pd	110	mW
OPERATING TEMP.	ToPr	-40 TO +85	°C
STORAGE TEMP.	Sstg	-40 TO +100	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY		3	SEC.
*DUTY 1/10 PULSE WIDTH 10ms			

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.= -DECIMAL PRECISION MAX.= +DECIMAL PRECISION

UNCONTROLLED DOCUMENT

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MEMBER OF **TTW PHOTONICS GROUP**

QUASARBRITTE T-5mm (T-1 3/4) ULTRA WHITE LED, WATER CLEAR LENS.

DATE: 08.27.14
PAGE: 1 OF 1
SCALE: NTS
UNIT: mm [INCH]

DRAWN BY: MA
CHKD BY: KF
APRVD BY: KF
REV: 10

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